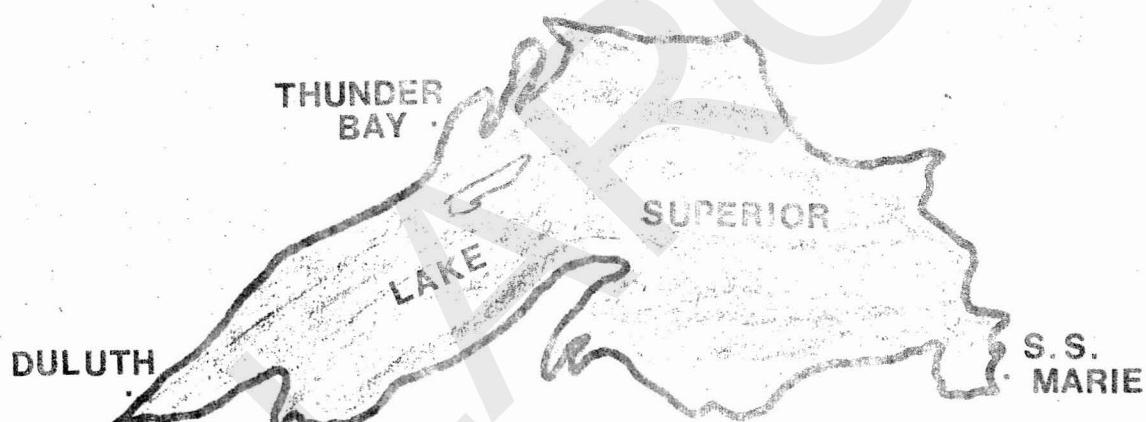


MAY - - 1986

HI-Q

LAKEHEAD AMATEUR
RADIO CLUB
BULLETIN



REPEATERS

TBR 146.82

YQT 147.06

CLUB STATION

VE3FW

FOUNDED 1934

INCORPORATED 1979

LARC

MAY - 1986 ISSUE

THE NEXT MEETING OF THE L.A.R.C. WILL BE HELD THURSDAY MAY 8, 1986 AT
THE E.M.O. BUILDING, CORNER OF WATERLOO/VICTORIA AVE. AT 7:30 P.M.
COFFEE/POP AND DONUTS WILL BE SERVED.

* * * * *

THE PREZ SEZ

April was a very busy and exciting month and we now have 5 new Amateurs in town! They are: Pat Pugh - VE3PHU; Jamie St. Cyr - VE3JSC? Garnet Walker - VE3AUP? and John Cybulski - VE3SRY?, and Greg Moore - VE3PHK. Congratulations and welcome to the wonderful world of Amateur Radio!

As you may have noticed, a question mark follows some of the above calls. This is due to a new licence issuing system implemented by the D.O.C. You can now pick any callsign that is available, except for the "Q" block and the "R" block. However, there is a delay until the callsign can be confirmed. In the meanwhile, it's a wait and see game.

Also, Frank VE3OTZ is now running the old club HW-100 from Hillcrest High School, signing VE3HRA (Hillcrest Radio Amateur). The station is going great guns on 40 and 80, and have even managed some DX QSO's. As well, a 3 element tribander is in the works for the station.

As most of you have heard, the Jack Ravenscroft court case has been lost. There is lots of information floating around regarding the case, but it is not clear if an appeal will be launched. As soon as the word is out, it will be printed here in Hi-Q.

Al - VE3GOM has been in contact with another amateur regarding the case. As a result, we are in possession of a verbal transcript of the Judges' 14 page ruling. It will be played at the meeting, so you can hear it for yourself.

Don't forget -- the new meeting time is now 7:30 instead of 8:00 p.m., so don't be late! I would expect a heavy turnout to hear the aforementioned tape.

In this month's Hi-Q, I had hoped to report that the new Heliax and Antenna has been installed at Mount Baldy. Such was not to be I guess. We had a crew ready to go at a moments notice after receiving word of a possible installation date. It now appears that Ed Tattum has returned South to wait for some parts.

So much for the bad news. On the other side of the coin, Skip has been busy chasing down Ed. From what I understand, he will be doing some additional work at Mount Baldy, and will be doing our work at the same time. No dates have been mentioned. It's a bit frustrating sitting on the edge of your seat, but the situation is not under our control. Considering the super deal we are getting, I shouldn't complain. I'm not really, just letting you know what's happening.

In closing, I have one little "pitch from the perch" to make. Last month, an item of minor consequence was voted on. Despite a standing room only crowd, less than half the eligible people voted on this matter. The result was a tie, and I had to cast the deciding vote. WHY?

Our club is a democratic organization. In short, if you have something to say, say it! If your opinion is asked on a matter, give a reply. If you are asked to vote, Vote. In any democracy, the majority rules. If you don't vote or speak up, your opinion will not be counted, and others will

decide for you as to how things will or won't get done.

Please --- use your God Given Right to voice your opinion, and make it count!

73 Tom VE3CK

DIRTY LAUNDRY

VE3OTI got an expensive speedometer check. VE3KRP got a pink QSL card. Rumour has it that Skip VE3BBS has auditioned to host the Tonight Show! VE3JAA is looking for more tools so he can become a radar technician overseas (in 5A land), and Ronnie has promised him a lift! VE3JAJ has a new(er) roller skate. Ralph VE3HZX is now 2 wheel mobile -- his other wheels went elsewhere. VE3NNR is looking at a water cooled amp. VE3HFS is eyeing up the back 40. VE3OTI has a "used" black box sitting on the table -- hmmm TVI you say? VE3PHR is going broke supporting hubbies additions to the QTH! (no further comment required -- I've said it all). Rumour has it the search is on for the person or persons responsible for dirty laundry -- We'll never tell.

THE PHANTOM

QTH: MOOSE MOUNTAIN SKI HILL AT LUTSEN, Minn.

March 21, 1986

QRT: APPROXIMATELY 1530 HOURS (C.S.T.)

GOOD FRIDAY

John VE3OTC/WØ, along with his friend Dave Darrach (both former ski patrollers) and Dave VE3AVS/WØ along with his son, Kevin, are nearing the final lap of a run down Moose Mountain. Without any warning, about 100 feet behind AVS and OTC, a man crumples to the ground. He is in the open, no obstructions or skiers close to him.

A woman nearby calls out to him - no response. OTC kicks out of his bindings and runs over to see what the problem is. AVS skis down to the bottom of the chairlift to advise the lift attendant. Both OTC and AVS have been keeping in touch on 146.94 using handheld units and immediate contact is made between the bottom of the hill and the scene of the collapsed skier.

After a few moments, a request is relayed by OTC that an ambulance be sent out from Grand Marais. The skier appears to be into convulsions, throwing up and is a sickly palor. Up the hill, OTC's friend Dave is busy assisting on-the-scene ski patrollers in administering CPR to the fallen skier.

Another request is radioed by OTC to AVS for a tracked vehicle to bring the skier down the hill. This is phoned in by the lift attendant to the chalet, along with an immediate request for a bottle of oxygen (none was available). Within twenty minutes, a tracked vehicle climbs the hill with a doctor on board who volunteers her services. A doctor has also appeared up the hill, and the patient is taken by tracked vehicle to the ambulance, with CPR being administered all the way.

March 24, 1986

VE3OTC stops off to ski at Lutsen on his way back to Thunder Bay, only to discover the collapsed skier did not recover from an apparent heart attack.

VE3AVS - Dave

Over the past decades, amateur radio has been in the forefront of technological innovation and change. This is still true today, according to an article on Packet Radio in the APRIL 1986 issue of Radio-Electronics magazine.

Quoting from that article on packet radio, ".... because of bandwidth limitations, the top speed that can be accommodated now is 9,600 bits per second (baud) of data transmission. Experiments going on in the Amateur realm are pushing speeds towards the 56K baud barrier".

Toward the end of the article, the author writes, "Such is the reliability and security of the Amateur packet system that commercial manufacturers and the military are studying it closely. Amateurs have proved that it is possible to use radio to enable a high-speed, dense information flow. It also opens some interesting commercial possibilities".

Finally, he concludes, "So, once again, the Amateur Radio community is at the cutting edge of communications technology, making the inevitable marriage of computers, radio and communications work, and work well too".

73 de

* *

THE LOST FLYING BOAT by Alan Sillitoe (287 pages)

The flying boat Aldebaran has a strange crew: seven maverick survivors of Captain Bennett's wartime team, plus a lone outsider, Adcock, the wireless operator who narrates the story. Their mission - known only to the unstable Bennett.

Their destination is the Kerguelen Islands in the South Indian Ocean. It is an odyssey in which men become desperate - and dangerous, too; a voyage from which few will return.

For those of our hobby who enjoy a good novel, particularly with "wireless" activity throughout and told by the wireless operator, I highly recommend this book. *It is available in the Fiction Department at Waverley Resource Center (once upon a time known as the "library"!).

Book report by

* *

Last Autumn's Shuttle Flight of European Spacelab D1 included several European Amateurs. Dr. Ernst Messerschmid, DG2KM, managed to get some operating in and an automatic QSO logging machine also picked up many callsigns. The German Amateur Radio Council, DARC, recently announced the log of those amateurs whose calls were logged by the DP/SL activity on the shuttle Columbia. Among the many world-wide hams, 12 Canadians including our own VE3KRP made it onto the log. Contact locally was made on DP/SL Channel 3 - 437.275 MHZ uplink and 145.575 MHZ downlink.

VE3KRP - Ed

* *

Ed VE3KRP and Vic VE3JAR (ATIKOKAN) are pleased to announce the first successful 2 Way Packet QSO via 2 Meter SSB between Thunder Bay and Atikokan. Stay tuned for more experiments!

Lakehead Amateur Radio Club History Project

VE3KRP - Ed

MINUTES OF MEETING APRIL 10/86

The meeting was opened at 8:00 P.M. by Tom VE3CX. A round Table followed.

Tom VE3CX said that he had been approached by several members in regards to holding meetings earlier.

Motion by VE3CK to change meeting time to 7:30 P.M., seconded by VE3OPI and carried.

The proposed constitution changes were read again. A motion to accept these changes was made by VE3JAJ, seconded by VE3AHD and carried.

Skip, VE3BBS read a list of repeater use rules.

A recommendation was made by the Repeater Committee to purchase a new antenna for VE3TER similar to that just purchased for VE3YQT. A motion to buy this antenna was made by VE3JAJ, seconded by VE3ZG and carried. Skip VE3BBS asked the Hi-Q editor if we could have a copy of Hi-Q kept as a permanent record at VE3FW.

A financial statement was read by VE3LMN. Motion by VE3JAJ to accept, seconded by VE3KRO and carried. Dan VE3KRO indicated that the Royal Canadian Legion is looking for our services for the 10 Mile Road Race.

The 50/50 draw was not won.

Skip VE3BBS made a motion that a vote be taken whether or not a clock be put on YQT, seconded by Les VE3JAJ, this was carried by the membership.

Adjourned at 9:21 P.M.

* * * * *

FINANCIAL ACTIVITY MARCH 14 - APRIL 9/86

OPENING BALANCE \$1,814.38

Revenues

Proceeds from Dinner Dance	148.79
Dues	25.00
Donations	100.00
Auction proceeds	196.25
Dues	10.00
	<u>480.04</u>

Expenses

Phone	37.13
Hi-Q Postage	29.96
Name Tags	<u>15.68</u>
	<u>82.77</u>

DIFFERENCE 397.27

\$2,211.65

* * * * *

ARCHIVES UPDATE

On a recent visit to the club station VE3FW, I was quite interested in looking through the photo albums and binders containing various articles and pictures related to the club and its members.

Since the Club was first formed back in 1954, there has been much history made. Although the Club has quite a few photo's and articles, I still believe there are more available. Surely the senior members have their own photos to look back upon. What I am asking of all Club Members is to look amongst all your photos and articles, etc. that you have saved throughout the years and let me know what you have. I am not asking to keep these items, just to reproduce them. If you wish to donate them, fine.

These items may be old or recent so long as they are related to the club or any of its members. I will also be looking for copies of Hi-Q which is a good source of info. I will probably be handing out a sheet of ideas for an Autobiography (that I hope all members will write) at May's meeting. Remember that these photos and articles make up your Club's history. It should be something to be proud of. All the information collected will be permanently stored at the Club and will be sorted in some order as to make it easily available to all members. A filing system will be looked into in the future depending on how much info. is collected.

Our success will depend on how many of you respond to this article, so please supply me with all the info possible. Please put all info and pictures in an envelope with your name, call, and number so I can keep things in order and nothing will get lost. A better idea may be to call me and I can view them myself to avoid duplicates. Remember, should you have anything to give me, I will probably be at the May meeting.

73 Glen VE3JAU 767-1749

* * * * *

SALT MINE NET

Total check-ins for the month of March 1986 was 350.

73 VE3JAA - Arnold

* * * * *

FOR SALE

VE3AVS Dave has Vinyl Case for IC-02AT for sale. Cheap 344-8949

* * * * *

NOTICE

VE3CK Gary is looking for interest regarding a Harbour Cruise on the Welcome Ship sometime in the summer. If interested or any inquiries, please let Gary VE3CK know at the next meeting or 2 Meters or landline at 623-8132.

* * * * *

NOTICE

You have until May 16, 1986 to let your comments be known on the D.O.C. proposed restructuring of the Amateur Service in Canada.

SOME 2M TRAVEL NOTES FROM THE NEAR SOUTH

The 2M machine in Silver Bay, Minn., NØEXP, has changed it's pair to 147.09 MHZ output, input up 600 KHZ. It has courtesy tone, in an open machine and is often linked via UHF to NØBZZ in Proctor near Duluth, which operates on 147.33 MHZ output, input up 600 KHZ.

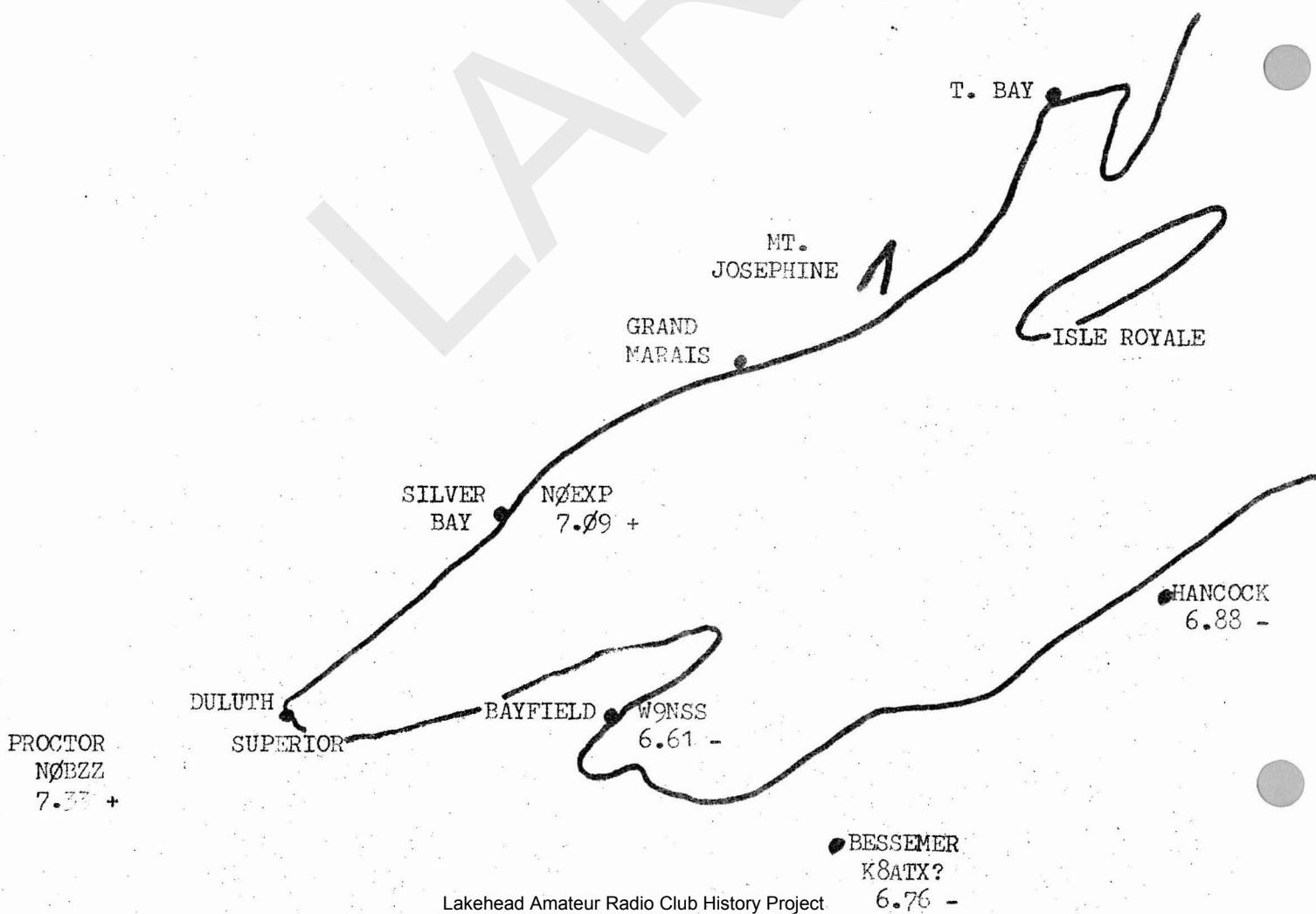
Jim Christensen NØEXP, the Repeater's operator, may occassionally shut down the link during very long QSO's so the UHF transmitters, which operate on a 100% duty cycle, don't burn out.

Jim is currently working on installing Autopatch and the Emergency Services access 911 number. With it's considerable coverage motorists, cyclists, canoeists, skiers, etc. can acquire assistance along much of the North Shore. Plans are also afoot to link the Bayfield, Wisc. Repeater (W9NSS 146.61 MHZ out, -600 KHZ in) to these other two. This link will probably be normally down and will be brought up from any of the three machines by DTMF access. Both of these projects have a tentative completion date in June so if you travel down south, get on and ask.

The Silver Bay machine can typically be accessed as far north as the Southern outskirts of Grand Marais. I have picked it up, weak but fairly solid, on the southern side of Mt. Josephine and it may be possible to work it from there with a 'bit' of power and a receive preamp. Both this and the Bayfield machine can be accessed from many places around the Lutsen Ski area with a H.T. even on low power in some locations!

To wrap this installment up, the Bessemer, Mich. machine (K8ATX? output 146.76 MHZ input, down 600 KHZ) was accessed with 3 watts and an A.E.A. Hot Rod 1/2 wave antenna on my IC-Ø2AT from the top of Eagle Mtn. at Lutsen Ski area. This a 'sneaky' machine that one isn't sure one is accessing unless you sign and get a response or monitor the output frequency while testing as it effectively has no tail.

Well T.T.F.N. Folks
73 and calm waters
"J.D." VE3OTC/MM VE7



AMATEUR OF THE MONTH

MIKE NAWROCKI - VE3ZG ex VE4ZM

Licenced Amateur since 1963

Mike is the Manager of the local Department of Communications Office in Thunder Bay. He has worked with the Department in Thunder Bay since 1965, after moving from Winnipeg. Previous work locations with the Department were Regina, Sask. and Fort Churchill, Manitoba.



Operation on the HF bands is casual, a bit of DX, checking the Trans Canada Net, and making facilities available for phone patches into Thunder Bay. Summers are usually spent at a cottage on Lake Shebandowan keeping 2 Meter activity on 146.52 MHZ, fishing and relaxing when not doing some construction project. The home station consists of a Yaesu 301SD, phone patch, TH6DXX tri bander on a 48 foot tower and Heathkit DX 60 (retired). An Icom IC22S, 2 Meter rig can be mobile at the home location, portable at the cottage, mobile in the boat or in the work mobile while travelling around Northwestern Ontario keeping in touch with other Amateurs in the area. Other interests and hobbies include the Lake Shebandowan Campers Association, Little League Baseball, an IBM PC Junior, photography, curling, golf, waterskiing and snowmobiling.

MEMBERS OF THE LAKEHEAD AMATEUR RADIO CLUB 1965/66

VE3JAU...ANDERSON, Glen
VE3LMM...ASTLE, William
VE3EEQ...ATKINSON, J.F.
VE3OPI...BARRY, Richard
VE3ECV...BIL, Vic
VE3JAB...BISHOP, Bob
VE3BCD...BRIDGET, Laurie
VE3JAJ...BROWN, Les
VE3ILV...CATILLO, Len
VE3JAA...CHAMBERS, Arnold (LIFE)
CYBULSKI, John (STUDENT)
VE3MZX...DIGIACINTO, Fr. Ralph
VE3HFS...DOHERTY, Pat
VE3IMN...DORFMAN, Ian
VE3OTW...DRISCOLL, Dan
VE3OTC...ERSKINE, John
FEWCHUK, Jill (STUDENT)
VE3JQ...FISKE, Keith
VE3JAY...FONTAINE, Bob
VE3EDZ...FORSLUND, Ray
VE3DJM...FOX, Murray
VE3ILX...FRITZEN, Gabriel
VE3PHN...GEILS, James
VE3OPZ...GORDON, Rob
VE3KRD...GREEN, Jim
VE3CX ...HAAVISTO, Tom
VE3AYZ...HARRIS, Les (LIFE)
VE3EFA...HASTIE, John
HICKS, Vern (STUDENT)
VE3XT ...IMMONEN, Leo
VE3HXK...KASSTAN, Greg
VE3AVS...KIMPTON, Dave
VE3XJ ...KLEMACKI, Bill
VE3KRV...KRUZIK, Vlad
VE3KRP...KUCBEL, Ed
VE3PHL...KUZMA, John
VE3GOM...LACELL, Al
VE3LMJ...LAEVENS, J.
VE3NHN...LAZINSKI, Bob
LINGMAN, Mary (STUDENT)
VE3JAW...LOEWEN, Diane
VE3JAR...LOEWEN, Vic.
MacDOUGALL, Alex (STUDENT)
VE3OPL...McCLENAGHAN, Dave
VE3OTI...McINNES, John
VE3NNR...MCLEOD, Gary
METTINEN, Walter
VE3NNO...MILLER, Don
VE3LMG...MIOR, Art
MOORE, Chestor (STUDENT)
MOORE, Gregory (STUDENT)
MOQUIN, Ron (STUDENT)
VE3NHP...MOSTOW, Duane
VE3JVM...MUNRO, James

VE3ZG ...NAWROCKI, Mike
VE3UA ...O'BRIEN, Brian (LIFE)
VE3HCM...PEKKONEN, Tim
VE3KRO...PERSON, Dan
VE3OTZ...PIANKA, Frank
VE3EJJ...PODNAR, George
VE3LX ...PRENGER, Herman
PUGH, Pat (STUDENT)
VE3OPF...REHFUHS, Axel
VE3IML...REHFUHS, Ed
VE3OTV...REHFUHS, Ina
VE3KRI...ROBB, Deb
VE3KRH...ROBB, Steve
VE3ARN...ROBERTS, Bill (LIFE)
VE3IY ...ROBERTS, James
ROZON, Albert (STUDENT)
VE3EFZ...RUSNAK, Ken
RUTH, Dave (STUDENT)
SAUDER, Scott (STUDENT)
VE3NHX...SCALESE, Lindo
VE3LMI...SHAW, Rob
SKILLEN, Mike
VE3EUL...SPENCE, Charlie
VE3PHR...SPENCE, Coral
VE3CK ...SPENCE, Gary
ST. CYR, James (STUDENT)
VE3AJ ...START, Frank (LIFE)
VE3KRX...STEVENS, Ken
VE3HTM...VISSER, John
VE3EFC...UNGER, Bill
VE3LMV...WAINO, Bill
WALKER, Garnet (STUDENT)
VE3ICY...WALLACE, Glen
VE3AHD...WHEELER, Harry
VE3HZW...WOLOWICH, Mike
VE3PHT...WOOD, Jeff
VE3BBS...WRIGHT, Skip
VE3HPT...ZOBATAR, Greg

AMATEUR RADIO EMERGENCY SERVICE (ARES)

We have a busy month coming up in May. The following organizations have asked for our help in communications:

Salvation Army: Monday May 5th 5-6 operators with cars and and mobile capability. HTs with external antennas preferred. From 8:30 p.m. to 10:00 p.m.

Branch 6 Legion: 10 mile Road Race. 12 operators required. We have asked for financial support from this legion and it is imperative we provide the communications requested. From 8:30 a.m. until 12:00 Noon on Saturday May 17th.

Zellers (Cty Fair) 5-6 operators, again mobile to assist with coverage of a walk from County Fair, around Boulevard Lake and return to the Plaza. We do intend to ask Zellers for assistance in our ongoing Repeater/Club Station Projects.

NW Ontario ARES Alert: this is still in the planning stage but could be a go in May.

DARE I MENTION IT: Heliax/Antenna at YQT. What can I say? We will attempt to keep you updated as we get news.

As most of you know, VE3LMG and myself have been running a ARES net on VE3YQT for the last couple of Wednesdays' and the net has proven quite successful. The Swap N Shop is also heard, interspersed with bits of info regarding the Amateur Fraternity and news within Canada and Thunder Bay. It starts at 7:00 p.m. and is run on YQT from the Club Station. Participation has been great and a Net Certificate will be issued to members once they havé completed 3 checks ins in a row on the net. A Copy of same is on the reverse side.

To keep the Swap N Shop going on this net as well as the NW Ontario Net, we need your listings. If you got items no longer required, why keep them around collecting dust, list them with Art' and pick up some loose change.

Some other nets that the HF buffs might be interested in are shown below with times and schedules:

North Western Ontario Net.....	3750 KHZ	LSB	Nightly	0115 UTC
Manitoba Evening Phone Net....	3743 KHZ	LSB	Nightly	0100 UTC
Sask Evening Phone Net.....	3753 KHZ	LSB	Nightly	0100 UTC
Ontario Phone Net.....	3770 KHZ	LSB	Nightly	0000 UTC
Laurentian Net.....	3755 KHZ	LSB	Nightly	2345 UTC
Manitoba Morning Net.....	3743 KHZ	LSB	Daily	1430 UTC
Trans Provincial Net.....	7055 KHZ	USB	Daily	1400-2000 UTC

That's about all for now. If you can spare some time for Public Safety Events shown above please get in touch with me either at home or on 2M. 73's es gud DX


Skip, VE3BBS
Emergency Co-Ordinator
Amateur Radio Emergency Svcs

THE CANADIAN RADIO RELAY LEAGUE, INC.

LA LIGUE CANADIENNE DE LA RADIO AMATEUR, INC.

MEMBER SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION



LOCAL NET CERTIFICATE

This certifies that _____

is duly recognized for participation in the Thunder Bay 2M Net
and has therefore qualified for this Local Net Certificate as issued by the NM and/or EC.

VE3BBS

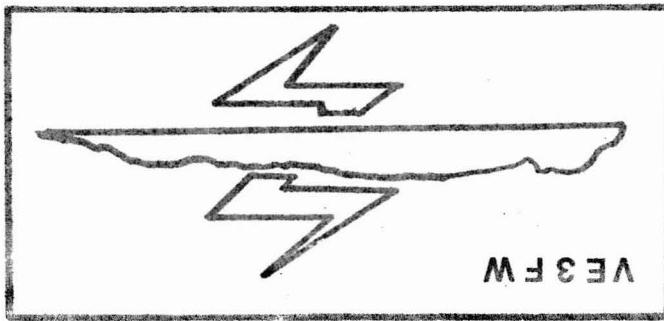
Date

Net Manager or Emergency Coordinator

Lakehead AMATEUR =
= RADIO CLUB

LARC

"EL"



LAKEHEAD AMATEUR RADIO CLUB
P.O. BOX 2571
THUNDER BAY, ONTARIO
P7B 5G1



TO:

Mr. Bill Unger, VE3 EFC
R.R. #11
Thunder Bay, Ontario P7E 5E2



H I - Q

FIRST CLASS